

Appln No. 10/528,502
Amdt date April 19, 2007
Reply to Office action of January 19, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claims 1-12 and add claims 13-19 as follows:

1. (Currently Amended) ~~A spotlight~~ Spotlight more particularly a stage, studio, film and/or television spotlight, comprising:

[[with]] a light source (2) and;

a spotlight housing [[[1]]] surrounding the light source (2) wherein the housing consists of and comprising a lower substantially square housing part comprising at least one housing wall and an upper cylindrical housing part provided with comprising a translucent cover element[[,]]; and

wherein a ventilation shaft (61 to 65 with separate ventilation ducts (7) is mounted on said at least one housing wall (11-15) of the lower spotlight housing part, wherein said ventilation shaft comprises:

an air inlet aperture,

an air outlet aperture defined along a plane, and

a plurality of ribs defining a plurality of ventilation ducts there between,

wherein each rib of said plurality of ribs comprises a first rib section extending to the air inlet aperture, a second rib section extending to the air outlet aperture wherein said second rib section is bent relative to the first rib section, and an air guide section extending from the air outlet aperture and projecting beyond the air outlet aperture, wherein a first rib of said plurality of ribs is closer to a base of said lower housing part than a second rib of said plurality of ribs, wherein said first rib has an air guide section that projects entirely perpendicularly from the plane of the air outlet aperture, wherein said second rib has an air guide section that projects entirely at an angle relative to the plane of the air outlet aperture in a direction away from the plane the ventilation ducts are separated from each other by ribs (9) which have inside the ventilation shaft

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~~(61-65) a first rib section (91) adjoining the air inlet apertures (71-73) and a second rib section (92) which adjoins the air outlet apertures (81-83) and is bent relative to the first rib section (91) characterised by air guide sections (93-96) which project beyond the air outlet aperture (81 to 83) and of which one part (94, 96) is bent once more relative to the second rib section (92) and one part (93, 95) aligns with the second rib section (92).~~

2. (Currently Amended) The spotlight of Spotlight according to claim 1,
characterised in that the air guide sections (95, 96) of the ribs (9) provided in the region of the air outlet apertures (82) of the front and back ventilation shaft (63, 64) inserted in the front wall (13) and back wall (14) of the spotlight housing (1) are designed so that the air guide section (95) of the rib adjoining the underneath (15) of the spotlight housing (1) runs substantially horizontally following the second rib section (92) whilst as the distance of the ribs (9) increases from the underneath (15) of the spotlight housing (1) so that bending of the air guide sections (96) of the ribs (9) becomes more pronounced wherein the air guide section of each rib of said plurality of ribs above the second rib extends at an angle relative to its corresponding rib second section, wherein said angle increases as the distance of each of said ribs increases from the base.

3. (Currently Amended) The spotlight of Spotlight according to claim 1,
characterised in that the air guide sections (93, 94) of the ribs (9) provided in the region of the air outlet apertures (82) of the ventilation shafts (61, 62) mounted on the side walls (11, 12) of the spotlight housing (1) are designed so that the air guide section (95) of the upper rib (9) has an air guide section (93) aligned flush with the second rib section (92) whilst the air guide sections (94) of the ribs (9) underneath are bent opposite the second rib section (92) and protrude substantially perpendicularly from the cross-sectional surface of the air outlet aperture (81) wherein the second section of each of said plurality of ribs is horizontal.

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4. (Currently Amended) The spotlight of Spotlight according to claim 1, wherein ~~characterised in that~~ the ventilation shaft (61 to 65) is fitted onto an opening of the lower housing part wall (11 to 15) ~~of the spotlight housing (1)~~ and is connected to the lower housing part wall (11 to 15) or is inserted into an opening in the lower housing part wall (11 to 15) ~~of the spotlight housing (1)~~.

5. (Currently Amended) The spotlight of Spotlight according to claim 1, ~~characterised in that~~ wherein the ventilation shaft ~~[[(65)]]~~ is integrated into the lower housing part wall, (15) ~~of the spotlight housing (1)~~ so that wherein the air inlet aperture (73) ~~closes is~~ substantially flush with ~~[[the]]~~ said lower housing part wall ~~[[(15)]]~~ and the air outlet aperture ~~[[(83)]]~~ is disposed inside the spotlight housing ~~[[(1)]]~~.

6. (Currently Amended) The spotlight of Spotlight according to claim 1, ~~characterised in that~~ wherein the ribs ~~[[(9)]]~~ are made of a light-absorbing material and/or a light-absorbing ~~colour~~ color and/or have light-absorbing shaping.

7. (Currently Amended) The spotlight of Spotlight according to claim 6, ~~characterised in that~~ wherein the ribs ~~[[(9)]]~~ are designed and arranged in the ventilation shaft (61 to 65) so that the cooling air supplied through the ventilation shaft (61 to 65) is active in different regions inside the spotlight housing ~~[[(1)]]~~.

8. (Currently Amended) The spotlight of Spotlight according to claims claim 6, ~~characterised in that~~ wherein the ribs ~~[[(9)]]~~ are arranged at ~~substantially~~ the same intervals to each other ~~and to the wall of the ventilation shaft (61 to 65)~~.

9. (Currently Amended) The spotlight of Spotlight according to claim 1, ~~characterised in that the~~ wherein a ventilation shafts (61, 62) ~~are~~ shaft is arranged on ~~[[both]]~~ side walls (11, 12) of the spotlight housing ~~[[(1)]]~~.

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10. ((Currently Amended) ~~The spotlight of Spotlight according to~~ claim 1, ~~characterised in that the~~ wherein a ventilation shafts (63, 64) ~~are~~ is arranged on each of the front and back side walls (13, 14) of the spotlight housing [(1)]].

11. (Currently Amended) ~~The spotlight of Spotlight according to~~ claim 1, ~~characterised in that~~ wherein at least one ventilation shaft [(65)] is mounted on the ~~underneath~~ (15) base of the spotlight lower housing part [(1)]].

12. (Currently Amended) ~~The spotlight of Spotlight according to~~ claim 11, ~~characterised in that~~ wherein the air outlet aperture [(83)] of the ventilation shaft [(65)] mounted on the ~~underneath~~ (15) ~~of the spotlight housing (1)~~ base opens directly adjacent the light source [(2)] or adjacent a light source socket [(5)] into [(the)] an inside of the spotlight housing [(1)]].

13. (New) The spotlight of claim 1 wherein the second section of each of said plurality of ribs extends perpendicularly relative to the plane of the air outlet aperture.

14. (New) The spotlight of claim 1 wherein the second section of each of said plurality of ribs extends at an angle relative to the plane of the air outlet aperture and in a direction toward the air outlet aperture and away from the base.

15. (New) The spotlight of claim 14 further comprising a second ventilation shaft mounted on another housing wall, wherein said ventilation shaft comprises:

a second air inlet aperture;

a second air outlet aperture defined along a second plane; and

a second plurality of ribs defining a second plurality of ventilation ducts there between, wherein each rib of said second plurality of ribs comprises a first rib section extending to said second air inlet aperture, a second rib section extending to said second air outlet aperture wherein said second rib section is bent relative to the first rib section, and an air guide section

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extending from said second air outlet aperture and projecting beyond said second air outlet aperture, wherein a first rib of said second plurality of ribs is closer to a base of said housing than a second rib of said second plurality of ribs, wherein said first rib of said second plurality of ribs has an air guide section that projects entirely perpendicularly from the plane of the second air outlet aperture, wherein said second rib of said second plurality of ribs has an air guide section that projects entirely at an angle relative to the second plane and in a direction away from the second plane, and wherein the second section of each of said second plurality of ribs extends perpendicularly relative to the second plane of said second air outlet aperture.

16. (New) A spotlight comprising:

a light source;

a spotlight housing surrounding the light source and comprising at least one housing wall;

and

a ventilation shaft mounted on said at least one housing wall, wherein said ventilation shaft comprises:

an air inlet aperture,

an air outlet aperture defined along a plane, and

a plurality of ribs defining a plurality of ventilation ducts there between, wherein each rib of said plurality of ribs comprises a first rib section extending to the air inlet aperture, a second rib section extending to the air outlet aperture wherein said second rib section is bent relative to the first rib section, and an air guide section extending from the air outlet aperture and projecting beyond the air outlet aperture, wherein a first rib of said plurality of ribs is closer to a base of said housing than a second rib of said plurality of ribs, wherein said first rib has an air guide section that projects entirely perpendicularly from the plane of the air outlet aperture, wherein said second rib has an air guide section that projects entirely at an angle relative to the plane of the air outlet aperture and in a direction away from the plane.

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17. (New) The spotlight of claim 16 wherein the second section of each of said plurality of ribs extends perpendicularly relative to the plane of the air outlet aperture.

18. (New) The spotlight of claim 16 wherein the second section of each of said plurality of ribs extends at an angle relative to the plane of the air outlet aperture and in a direction toward the air outlet aperture and away from the base.

19. (New) The spotlight of claim 18 further comprising a second ventilation shaft mounted on another housing wall, wherein said ventilation shaft comprises:

a second air inlet aperture;

a second air outlet aperture defined along a plane; and

a second plurality of ribs defining a second plurality of ventilation ducts there between, wherein each rib of said second plurality of ribs comprises a first rib section extending to said second air inlet aperture, a second rib section extending to said second air outlet aperture wherein said second rib section is bent relative to the first rib section, and an air guide section extending from said second air outlet aperture and projecting beyond said second air outlet aperture, wherein a first rib of said second plurality of ribs is closer to a base of said housing than a second rib of said second plurality of ribs, wherein said first rib of said second plurality of ribs has an air guide section that projects perpendicularly from the plane of the second air outlet aperture, wherein said second rib of said second plurality of ribs has an air guide section that projects at an angle relative to the second plane and in a direction away from the second plane, and wherein the second section of each of said second plurality of ribs extends perpendicularly relative to the second plane of said second air outlet aperture.